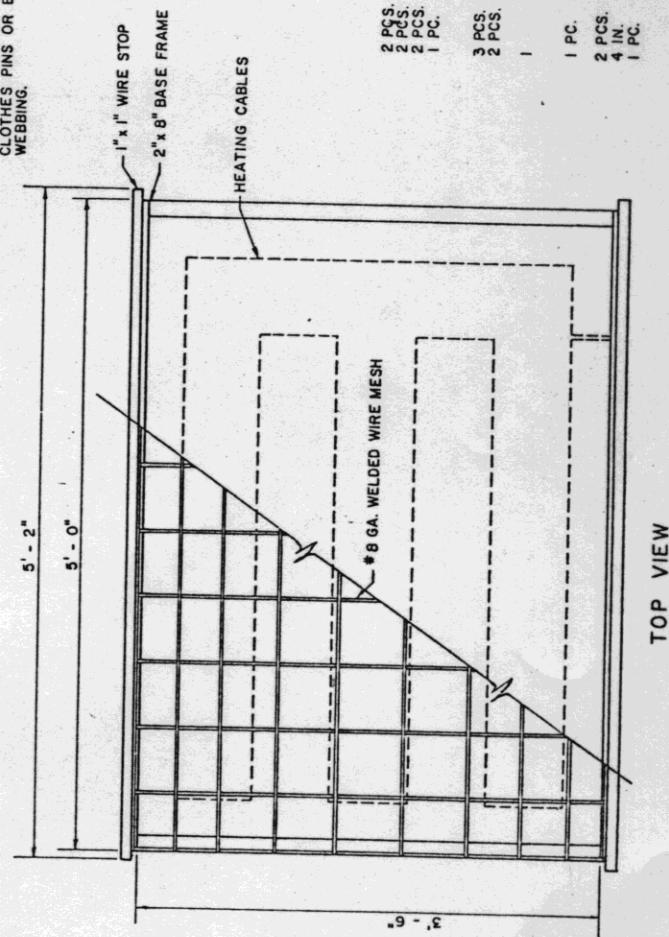


SIDE VIEW
CUT AWAY

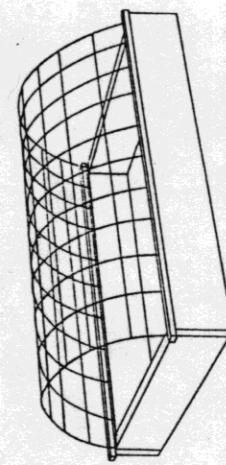
NOTE: SEPARATION OF HEATING CABLES
IS VARIABLE TO AMOUNT OF HEAT
NEEDED PER SQ. FT. ACCORDING
TO GEOGRAPHIC LOCATION. REFER
TO LEAFLET NO. 445 USDA.

ALL WOOD SHOULD BE TREATED
WITH PRESERVATIVE AFTER
CUTTING AND BEFORE ASSEMBLY.
METAL PARTS AND FASTENINGS
TO BE GALVANIZED OR OTHERWISE
RESISTANT TO CORROSION.
WOOD PARTS MAY BE FASTENED
WITH SCREWS OR WITH NAILS.
PLASTIC MAY BE FASTENED BY
CLOTHES PINS OR BY PLASTIC
WEBBING.

END VIEW
SECTION



TOP VIEW
CUT AWAY



PERSPECTIVE VIEW
NOT TO SCALE

MATERIAL LIST

2 PCS.	2" X 8"-5' LONG FOR SIDES
2 PCS.	2" X 8"-6' LONG FOR ENDS
1 PCS.	1" X 1" WIRE STOP- 5'-2" LONG FOR SIDES
1 PC.	NO. 8 GAUGE 6x6" WELDED WIRE, 5' LONG
	SUPPORT PLASTIC FILM
3 PCS.	4'-6" WIDE FOR TOP OF WOOD FRAME TO
2 PCS.	PLASTIC WEBBING 2" WIDE, 5' LONG
	PLASTIC FILM, 4 MIL, CLEAR 3' WIDE
1	360-WATT SOIL HEATING CABLE, THERMO- STATICALLY CONTROLLED TO SHUT OFF AT 100°F.
1 PC.	WHITE PLASTIC FILM, 4 MIL, 5'x8' FOR COVERING FRAME DURING WINTER.
2 PCS.	CHEESECLOTH, 3'x7'
4 IN.	SAND- 2' ABOVE, 2" BELOW HEATING CABLE
1 PC.	1/2" HARDWARE CLOTH, 5' x 3 1/2'

SCALE:
0 - 2' 3 FT.
UNLESS OTHERWISE NOTED

COOPERATIVE EXTENSION WORK IN
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DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING
MINI-HOTBED AND PROPAGATING
FRAME

DESIGNED IN COOPERATION WITH:
CROPS RESEARCH DIVISION

USDA. '69 6080 SHEET 1 OF 1